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## NBS Specification: ROCKWOOL® Fire Barrier System

### PRODUCT SUMMARY:

A range of wired stone wool mats designed to be hung from the soffit or roof construction to extend the line of a fire/compartment wall or to sub-divide extensive roof voids.

### PRODUCT GENERAL DESCRIPTION:

As a labour saving, easy to install, vertically hung fire resistant insulation product, the ROCKWOOL Fire Barrier systems offer essential prevention against fire and smoke spread in hidden spaces. The ROCKWOOL Fire Barrier features a patented 'Quick Fix' support system, which offers a quick, cost effective solution for periods of up to 60 minutes. The ease of installation significantly reduces the risk of error, whilst extended drops can be catered for as the system has been tested to perform in void heights of up to 10.5 m. Fire Barrier are able to offer integrity and insulation protection periods from 15 to 120 minutes.

### FEATURES AND BENEFITS:

- Patented 'quick-fit' system for up to 1 hour fire resistance.
- Suitable for void heights up to 10.5 m.
- Provides airborne sound reduction.
- Additional strength through wire mesh reinforcement.
- Service penetration data available.

### PERFORMANCE:

- Fire Barrier Systems have been independently tested and assessed to BS 476: Part 22 by accredited laboratories. They are third party approved for performance and quality by the Loss Prevention Council Certification board (LPCB) and are listed in their Fire and Security 'Red Book' - certificate no. 022c. Certificates can be accessed online at [www.rockwool.co.uk](http://www.rockwool.co.uk) or [www.redbooklive.com](http://www.redbooklive.com).
- The product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with the data sheet.
- Fire Barrier Systems are part of the ROCKWOOL SoundPro range of acoustic solutions. The correct use of Fire Barrier within structural cavities and voids will reduce the level of transmitted sound.

### APPLICATION:

ROCKWOOL Fire Barrier systems offer essential protection against the spread of fire and inhibit the passage of smoke in concealed spaces.

### PRODUCT SPECIFICATION CLAUSE

#### PRODUCT REFERENCE:

ROCKWOOL Fire Barrier

#### PRODUCT PROPERTIES:

**Reaction to fire performance:** [d] Euroclass A1 non-combustible

**Acoustical performance:** [d] Up to 50 dB

#### Thickness:

- 50 mm
- 60 mm

**Width:** 1000mm

#### Length:

- 4000 mm
- 3500 mm

#### Facing:

- Plain
- Foil facing 1 side
- Foil facing 2 sides

#### Mesh:

- 1 side (as standard)

- 2 sides

**Accessories:**

- ROCKWOOL Fire Barrier Angle Support 1.2mm x 75mm x 3000mm (for systems up to 1 hour)
- ROCKWOOL Fire Barrier Clamping Plate 1.2mm x 40mm x 3000mm (for systems up to 1 hour)
- Fire Barrier Slotted Angle 62mm x 41mm x 2mm (For systems 1.5 - 2 hours) - Not supplied by ROCKWOOL
- Fire Barrier Strap 38mm x 2mm (For systems 1.5 - 2 hours) - Not supplied by ROCKWOOL
- 0.9 mm galvanized annealed wire - Not supplied by ROCKWOOL
- 1.5 mm galvanized annealed wire - Not supplied by ROCKWOOL

**STANDARD AND APPROVALS:**

Fire Barrier Systems have been independently tested and assessed to BS 476: Part 22 by UKAS accredited laboratories.

ROCKWOOL Fire Barrier system achieves a reaction to fire classification of A1 as defined in BS EN 13501:1

They are third party approved for performance and quality by the Loss Prevention

Council Certification board (LPCB) and are listed in their Fire and Security 'Red Book' - certificate no. 022c.

The product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this data sheet - please refer to the LUL Approved Product Register website [www.LU-apr.co.uk](http://www.LU-apr.co.uk) for specific details – LUL ref: 2230.

**CONTACT DETAILS:**

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